

FIGURE 1a

112 —
74 —
45 —
30 —

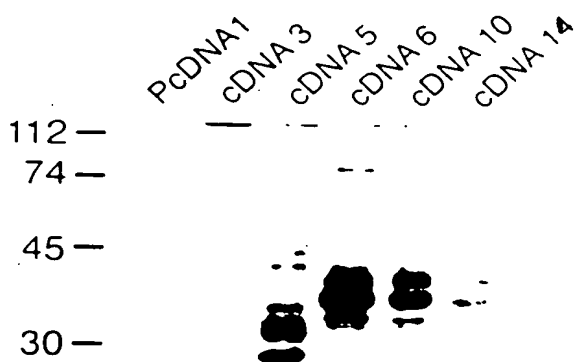


FIGURE 1b

2

acaaacaggaaggacagcaggctctggcagccagaagcctgtggccccaagctggcaggatggccccccttctgcaggtc 80
 cccacagccttctgggttcttgacacgagagaagaggtggggcggggtgaagtgaactctgaagccaaaatgtgactct 160
 cctggggtcaccagcttggggagaggtgaagaaagatgccggggcggaacaaaggggcagatatcactatggttatctt 240
 actaagcacagagtaactgaaaaagcaagggtagcgctgccacacctcgctgccacaccttacgttatacctcaaaccagcta 320
 gatagtttctgatggcacccataacctcccttcccccttttaggcattgcgcaagctctccaccacaatctggaagtatac 400
 cctgcgaggggatgggcagggcacttctgaggtgccaatcagcctgcactcgccctctgccctggCCATGGCACTGCTgtc 480
 agtttcttggtagctgtctcaacagcagccttctcacgtgagactatggctggcggtgggggtgggggcaggaatcctag 560
 aagcacaggagtgcacatagggctcggtcgggcagagcgaagtgtaggaggtgatcccccagggatgctggggacgatct 640
 ggccaacactgtcctccattcaaaactcCCAGTCTGGAGCTCTGGGACATGGACAAGCCAGGCCTGCTATTCTCCATAC 720
 AGGGCTCCATAGTGTCTGGCTCAGCAGAGTGGGGGATCTGGTGGGGATGGAGGAAGCTTAGCTAAAAGCTTTGTATAGGC 800
 TGAAGCTCTGAGTGACCCTGCTGGGCCACCCCTACCCTGGTCTGGGCTGGGTCAATTGCATCCCCAGATTGGAAGGCTTGGT 880
 GAGATGGAGAGGAACCTTGGCTACAAGCTATAGCTTTGCCCCACCAGAGCCTGCTGGAGGGGAATCAAACAAGCCTGGACC 960
 TGAGGCTGGGACTAGCTTTCTGTTTCTGGAGTGGATGCCAACCCCTGCCACCAGCCTGCCTGTCCACGCCAGGGACA 1040
 M P T P C P P A C L S T P G T
 CACAGACTCCTTCCCTTTCCAGACTGGAAAGCCCCCTCCTGGGAGAGCAGGAAGGAAGCAACCTGCAACTCTTCCAGCCC 1120
 H R L L P F P D W K A P S W E S R K E A T C N S S S P
 TGGACCTTGGGCTGAACCTACAGTTCAAGgtttgtatgctcacaggtcttggcagggaaagataagaatccccagggcac 1200
 G P W A E P T V Q
 cctcccccccgccccccagtcactgcaggtagctcctgggtctgccccttcagggcaagtgtgacgctccatcagactg 1280
 tgatggggcccttttctgaggatgacaattctgagaacaaggcatttttctagaggtggcagaacagcattttgtgatgc 1360
 ccgaggatctgggagcacaggtccagcttaatgagggattggaggaagtgggtatcatcattacagggaggggcctctgt 1440
 ggcctcctgggaaaatgcagttgctctcttgggtggcctgggggtgtgtggtgggcagaggacggaggtgctcattggg 1520
 ggaagggatcacttctgctcagagtgtcgcaagggccttttcttctgaaggcaagcaggcctcctcctcctcctct 1600
 tctccttctcctcctcctcctccttcttccatagctggtcatttctagggaccagcatggttgggaagggggcc 1680
 ttgtcttggccttctccttctcctccttcttggagcagaagacgggggtgggtggggtaggattggatagtGGTTGA 1760
 TGCCAAAGATTGAAGGGGTAGGGCGGGGCAGAAGTGGGAAGGTCCCTGGCTTCCTCACCTTGGTAGATGGTGAGGAGCCC 1840
 CAGAGGTTGAGCTGAGCAGCAGCTGTGATTTACGGGTGCCTCTGTTGGAGAGGCTGCTGTGATTTGAAAAATCTTCTTCC 1920
 TTGGTGACAATTCCAGAAGGCTCCAGATGAATTGTATTGgtgagtgccctggcccttaagcagtcctcagctggggatgatg 2000
 M N C I

FIGURE 2

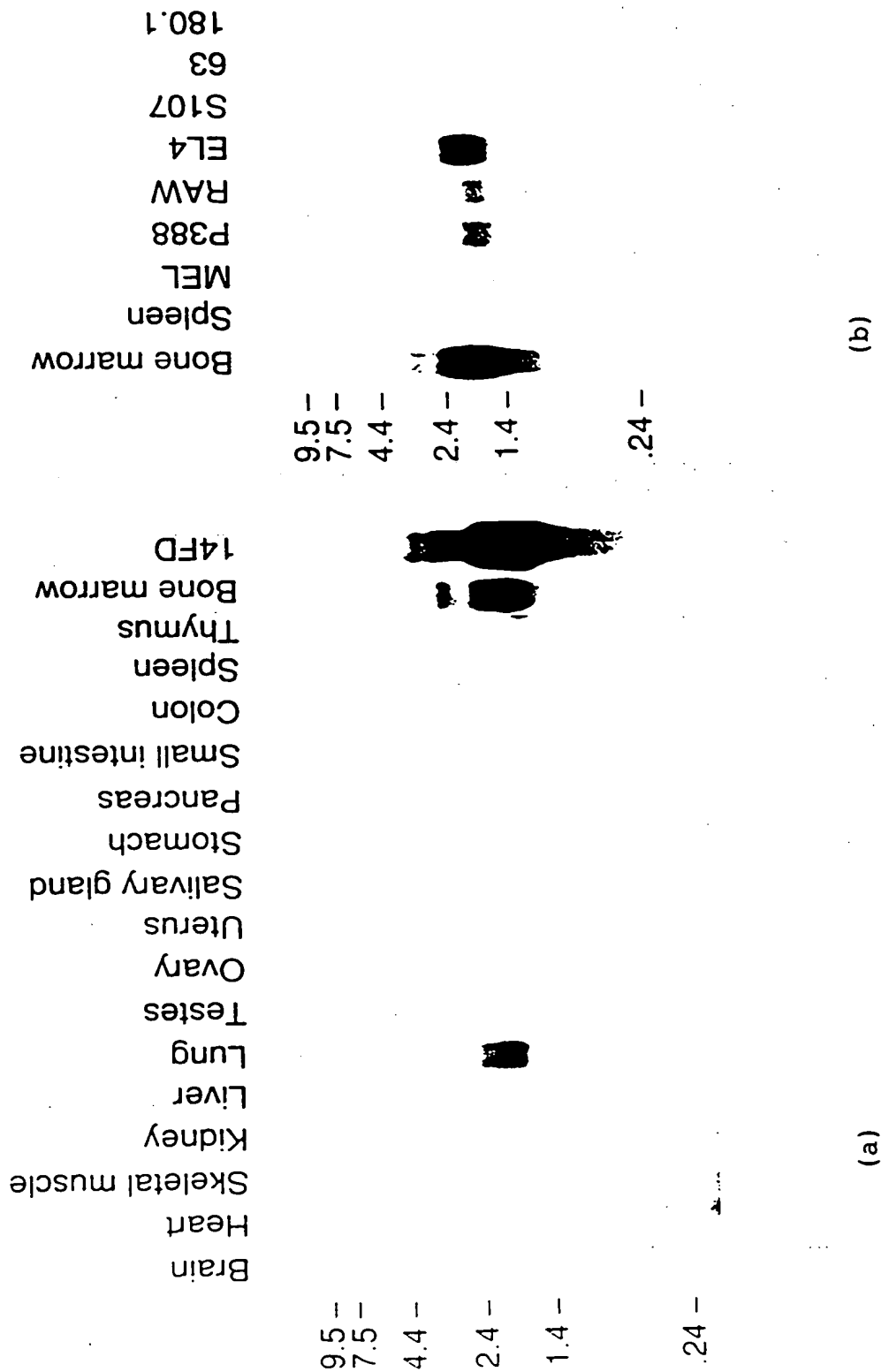
3

gggatttatgggtgtccctgagcctaggggtgacagggcctctcctttttttttttattctgtttcagGGTACCACCCACC 2080
 G Y H P T
 AGGAGGCTGCGGGCCTGGGGCGGCCTAGCTGGAGGAGCAACATTCATGGTAATTTGGTTTTTCTGGCTGTGGGGATCAGC 2160
 R R L R A W G G L A G G A T F M V I W F F W L W G S A
 TCCTGGAAGTGCCCTGTGCCTCAGTCCACACTCACCATCCTTATCTGGCACTGGCCTTTTACCAACCGGCCGCCAGAGC 2240
 P G S A P V P Q S T L T I L I W H W P F T N R P P E
 TACCTGGTGACACCTGCACTCGCTATGGCATGGCCAGCTGCCGTCTGAGTGCTAACCGGAGCCTGCTAGCCAGTGCTGAT 2320
 L P G D T C T R Y G M A S C R L S A N R S L L A S A D
 GCTGTGGTCTTCCACCACCGTGAGCTGCAAACCCGGCAATCTCTCTACCCCTGGACCAGAGGCCACACGGACAGCCTTG 2400
 A V V F H H R E L Q T R Q S L L P L D Q R P H G Q P W
 GGTCTGGGCCTCCATGGAATCGCCAGTAATACCCATGGTCTCCATCGCTTCCGGGGCATCTTCAACTGGGTGCTGAGCT 2480
 V W A S M E S P S N T H G L H R F R G I F N W V L S
 ATCGGCGTGATTGAGATATCTTTGTACCCTACGGTCGCTTGGAGCCTCTCTCTGGGCCCCACATCCCCACTACCGGCCAAA 2560
 Y R R D S D I F V P Y G R L E P L S G P T S P L P A K
 AGCAGGATGGCTGCCTGGGTGATCAGCAATTTCCAGGAGCGGCAGCAGCGTGCAAAGCTGTACCGGCAGCTGGCCCCCTCA 2640
 S R M A A W V I S N F Q E R Q Q R A K L Y R Q L A P H
 TCTGCAGGTGGATGTGTTCGGTTCGCCAGCGGACGGCCCCCTATGCGCTAATTGTCTGCTGCCCACTTTGGCCCCGTACC 2720
 L Q V D V F G R A S G R P L C A N C L L P T L A R Y
 GCTTCTACCTGGCCTTTGAGAACTCACAGCATCGGGACTACATCACTGAGAAGTTCTGGCGCAATGCCCTGGCGGCTGGT 2800
 R F Y L A F E N S Q H R D Y I T E K F W R N A L A A G
 GCTGTACCCGTGGCGCTGGGACCTCCTCGGGCCACCTACGAGGCTTTTGTGCCACCAGATGCCTTTGTACACGTGGACGA 2880
 A V P V A L G P P R A T Y E A F V P P D A F V H V D D
 CTTGAGCTCTGCCCCTGAACCTGGCTGTCTTCCTCGTCAGCATGAATGAGAGTCGTTATCGTGGCTTCTTTGCTTGGCGAG 2960
 F S S A R E L A V F L V S M N E S R Y R G F F A W R
 ACCGGCTCCGTGTGCGGCTCCTGGGTGACTGGAGGGAGCGCTTCTGCACCATCTGTGCCCCGCTACCCTTACTTGGCCCCG 3040
 D R L R V R L L G D W R E R F C T I C A R Y P Y L P R
 AGCCAGGTCTATGAAGACCTTGAAAGCTGGTTCCAGGCTTGAACCTCTGCTGCTGGGAGAGGCTGGATGGGTGGGAGACT 3120
 S Q V Y E D L E S W F Q A *
 GATGTTGAAACCAAAGAGCTGGGCATCCAGGCTTTTGGTCAACCATGGCACTACCCCAAGGCTTTTCTGTTCACTGAGCA 3200
 GGAATTCAGGATATAAGGAGAAGACTGGGCTGAGATACCCTGGTGGGCTTTAGAGTAGGGGCCAGGATAAGAGACAATG 3280
 AATTAATGAGGAGCATATGGGGAAGGTGGCTGAGGGTCCCTGACTTACCTTGACCCATGGCTGAAGGCTCCATGCCCCATG 3360
 GCTGGAGCTGGGACCCTACACTTCTATAGTCAAGGTGCTTAGCCTCAAGGTTGCAGATGCACCTCTAGTACTCTGGGTG 3440
 CAGACTGTACACTGGGCGCAGGGGTTGTGGAAGGACAGTGCAGATGATTCTGGGCTTTTGACACCACAGTTCCCCCAGG 3520
 GAAAGAGGCACTACTAATAAAAACTGACAGaaatctcctgggtcaagtctgttaggcagcagagctcgaattc 3594

FIGURE 2 - cont.

4

1001-204250



FIGURES 3a and 3b

Peyer's Patches

A

三
八
二

antisense

sense

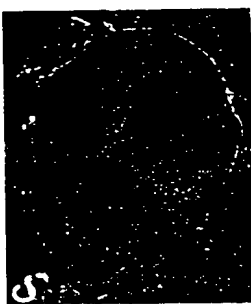
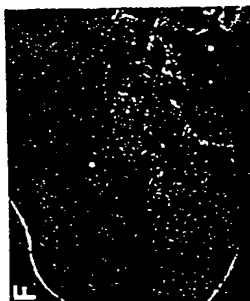
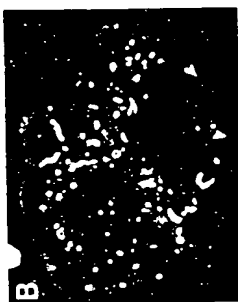


FIGURE 4

Peripheral Lymph Node Mesenteric Lymph Node Peyer's Patches

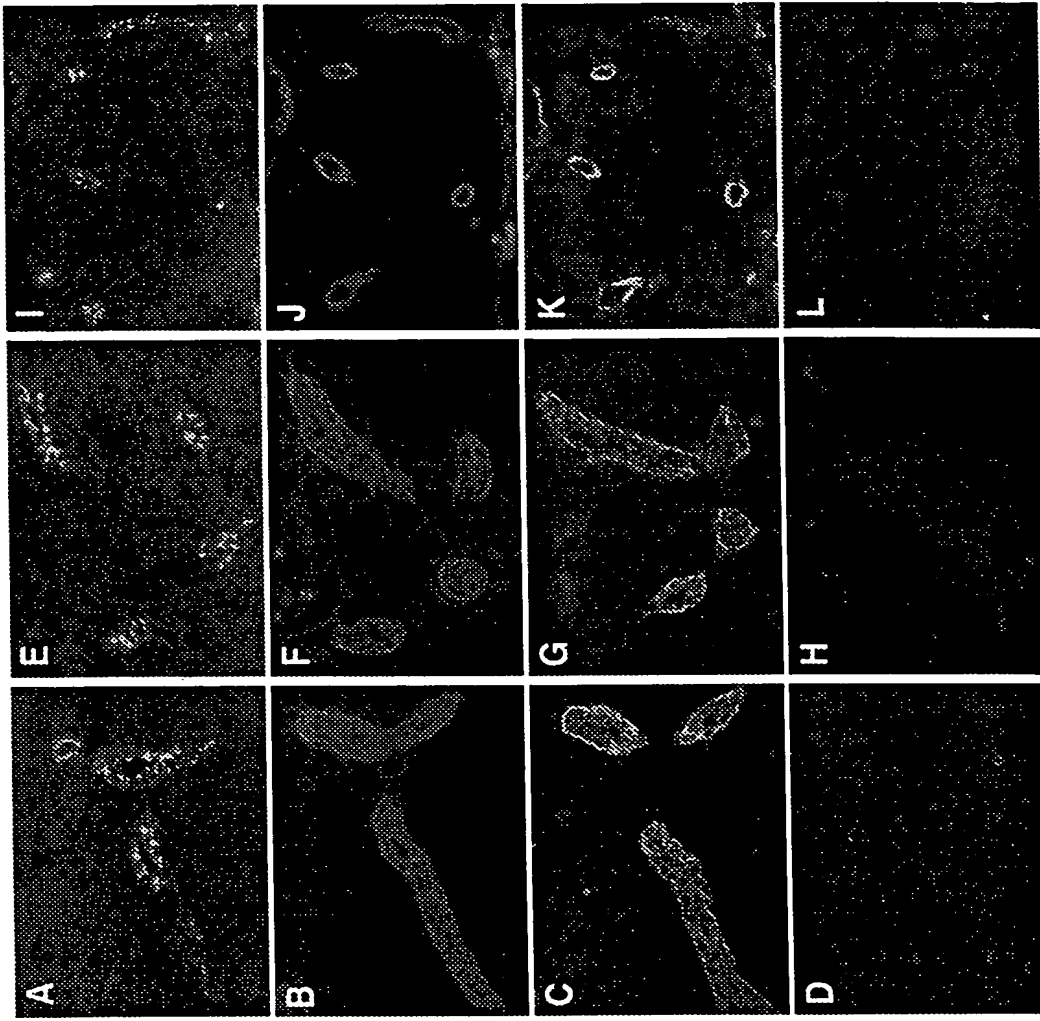
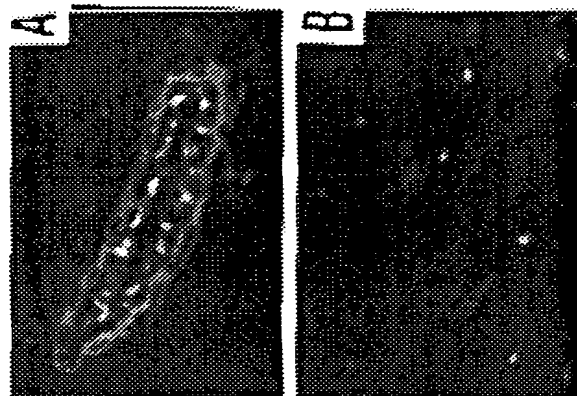


FIGURE 5a

100-100000



Immune Antibodies

Nonimmune Antibodies

FIGURE 5b

6